



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

QUERY. BY PROF. D. J. MC ADAM.—In works on Practical Geometry, the following method of inscribing a regular polygon of n sides is given :

Let AB be a diameter of a circle. With A and B as centers and radius AB describe arcs intersecting in D . Divide AB into n equal parts. Draw DE through the second point of division; the arc AE is one- n th part of the circumference. Is there a general demonstration published?

QUERY (BY REQUEST).—On page 59 of Prof. Peirce's "Linear Associative Algebra", under the head of "Quadruple Algebras", the algebra " g_4 " is said to have for its multiplication table the following table and to be also a "form of quaternions".

g_4	i	j	k	l
i	i	j	o	o
j	o	o	i	j
k	k	l	o	o
l	o	o	k	l

Explain by an example.

PUBLICATIONS RECEIVED.

Micrometrical Measurement of 517 Double Stars, at the Cincinnati Observatory, During the year 1877. ORMOND STONE A. M., Director. 74 pages, 8vo.

American Journal of Mathematics Pure and Applied. Volume I. Number 1. 104 pages, 4to. Baltimore. — The first Number of this periodical fully justifies the anticipations of its friends, based upon the high character and mathematical attainments of its editors and contributors. Subscription price \$5.00 per Vol. (4 numbers), or \$1.50 for a single number.

ERRATA.

On page 173, Vol. II, commencing in last line, cancel the sentence, "As to the double sign before these factors, the upper or lower is taken according as i''' is even or odd." And, on page 174, for $\pm$, read $+$.

On page 39, line 6, for $(m-2)_1$, read $-(m-2)_1$.

" " 51, line 26, for *Lauch*, read *Cauchy*.

" " 67, formula (7), insert bracket () before (u_2+u_{-2}) and before (u_4+u_{-4}) .

" " 79, line 17, for 16, read 15.